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Product	Cat. No.	Size	Quantity	Price
20X SSC	15557-044	1 L	—	\$ 22.00
	15557-036	4 L	—	66.00
	15557-028	10 L	—	155.00

20X SSC (Ultra Pure) is a solution formulated for use in nucleic acid hybridizations and blot transfer applications. It is used in concentrations ranging from 0.2X to 20X, depending on the application. Supplied in 1-L plastic bottles, or in a 4-L or 10-L stackable CUBITAINER® Box, 20X SSC contains 3.0 M NaCl and 0.3 M sodium citrate, at pH 7.0.

Analytical Specifications

pH of 20X SSC at 23°C	7.0 ± 0.1
specific conductance of 20X SSC at 23°C	170 ± 10 mS/cm

Performance and quality testing: No detectable contaminating activity is observed in DNA nicking and ribonuclease assays.

Recommended storage condition: 15°C to 30°C.

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20X SSPE	15591-043	1 L	—	\$ 27.00
	15591-035	4 L	—	81.00
	15591-027	10 L	—	189.00

20X SSPE (Ultra Pure) is a prepared buffer concentrate formulated for use in nucleic acid hybridizations and blot transfer applications. Supplied in 1-L plastic bottles, or in a 4-L or 10-L stackable CUBITAINER® Box, 20X SSPE contains 3.0 M NaCl, 0.2 M NaH₂PO₄, and 0.02 M EDTA, at pH 7.4.

Analytical Specifications

pH of 20X SSPE at 25°C	7.4 ± 0.1
specific conductance of 20X SSPE at 25°C	180 ± 10 mS/cm

Performance and quality testing: No detectable contaminating activity is observed in DNA nicking and ribonuclease assays.

Recommended storage condition: 15°C to 30°C.

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Streptavidin Agarose	15942-014	5 ml	—	\$195.00
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For additional information about this product, please refer to page 14-9.

Sucrose	15503-014	1 kg	—	\$25.00
	15503-022	5 kg	—	69.00

Sucrose (Ultra Pure) is suitable for forming density gradients for a variety of separation applications. It is used to separate RNAs, to prepare bacteriophage λ DNA arms, and to separate proteins. Sucrose gradients typically are formed by use of gradient formers or by layering two or more sucrose solutions in varying amounts in a centrifuge tube.

Analytical Specifications

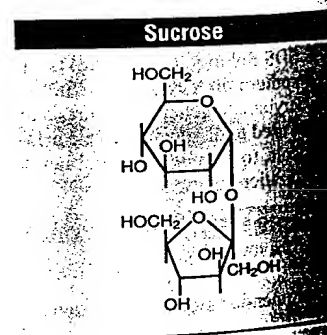
molecular weight	342.30
appearance	white, free-flowing crystals or powder
purity	≥99.9%
insolubles in a 50% (w/v) solution	none detected
lead	≤8 ppm
free glucose	≤0.1%

Performance and quality testing: No detectable contaminating activity is observed in protease assays.

Recommended storage condition: 15°C to 30°C, dry.

See also:

Gradient Formers, page 28-15.



These products are for laboratory research use only and are not intended for human or animal diagnostic, therapeutic, or other clinical uses, unless otherwise stated.